From:	PETERSON Jenn L
To:	Eric Blischke/R10/USEPA/US@EPA
Cc:	Joe Goulet/R10/USEPA/US@EPA; jay.field@noaa.gov; Burt Shephard/R10/USEPA/US@EPA; POULSEN Mike
Subject:	RE: Supporting Information for Benthic Risk Evaluation - Portland Harbor
Date:	10/12/2009 08:02 AM

After our meeting last week, Mike and I wanted to make sure that the input files described below included the complete chemical list.

Thanks,

Jennifer

From: POULSEN Mike
Sent: Monday, October 05, 2009 2:00 PM
To: 'Shephard.Burt@epamail.epa.gov'
Cc: Goulet.Joe@epa.gov; jay.field@noaa.gov; PETERSON Jenn L; 'Blischke.Eric@epamail.epa.gov'
Subject: RE: Supporting Information for Benthic Risk Evaluation - Portland Harbor

Burt –

I made the comment about providing output FPM files, but it would also make sense to get all the input files, too. That way EPA could make their own runs if you decide to make changes to how a toxicity hit is defined, for instance. The xls files should include the biohitnohit results, chemistry files, the ANOVA results, and the input data files in addition to the output files. I would think they would include all of this as backup, but let's not assume anything, and ask for all files related to the FPM calculations. This should not be a problem for them to provide by mid-November. In fact, it is probably easier to just copy all the relevant files to a CD rather than sort through them.

- Mike

From: Shephard.Burt@epamail.epa.gov [mailto:Shephard.Burt@epamail.epa.gov]
Sent: Friday, October 02, 2009 5:10 PM
To: jay.field@noaa.gov; POULSEN Mike; PETERSON Jenn L
Cc: Goulet.Joe@epa.gov
Subject: Fw: Supporting Information for Benthic Risk Evaluation - Portland Harbor

Jay, Mike, Jen,

Eric just sent out the attached request for additional information (e.g. spreadsheets, supporting files of model runs, etc.) on the floating percentile and logistic regression models to expedite the government team review of the sediment toxicity and predictive model sections of the Portland Harbor BERA. Hopefully the request will get you the information you need to work with and evaluate the models. If we're missing something, please let us know so we can forward the request to LWG.

We'll discuss schedule and review implications of this on Tuesday, but LWG informed us today that they do not plan to submit the corrected text of the benthic toxicity sections of the BERA until mid-November, because they are focusing on other sections of the remedial investigation. The section is

done, but is hung up in the LWG management and executive committee review. This obviously will be a topic of concern, so be prepared with your suggestions on the best way to go forward (or if we should go forward) on our review of the benthic toxicity sections.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
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"If your experiment needs statistics to analyze the results, then you ought to have done a better experiment"

- Ernest Rutherford

----- Forwarded by Burt Shephard/R10/USEPA/US on 10/02/2009 04:57 PM -----

Eric Blischke/R10/USEPA/US

10/02/2009 04:59 PM

To rjw@nwnatural.com

cc johnt@windwardenv.com, Burt Shephard/R10/USEPA/US@EPA, Chip Humphrey/R10/USEPA/US@EPA, jworonets@anchorenv.com

Subject Supporting Information for Benthic Risk Evaluation

Bob, as you aware, the LWG will be providing an updated benthic risk evaluation in November. Based on an initial review of the benthic risk evaluation provided in the baseline ecological risk assessment, EPA is requesting that the following information be included along with the revised benthic risk evaluation to facilitate our review of the predictive models.
Information should be provided electronically as spreadsheet files.

- Output FPM files for the optimal solution for each bioassay test and for both the low and high screening levels. We recognize that these will be large files.
- A table showing the results of all runs for each bioassay test using the range of false negative values.
- A table of potential SQG values (for both low and high screen) from which the lowest one was selected.
- The FPM files showing the calculation of reliability results using the pooled dataset for the selected SQG values.
- A table showing the reliability results using the pooled dataset for the national sediment screening values.
- It would also be helpful to have the FPM files for the runs prior to removing about one dozen chemicals to create the final chemical list.
- The formulas for calculation of reliability should be included (as well as specifying how the reliability for each low/mod/high thresholds were calculated).
- The LRM results should be provided, including all models developed, the number of samples used in model development, and the normalized chi-square goodness of fit.
- Document classification of samples as PYO and PTO. Is there an analysis to support this that has been distributed or a list of samples with the classification?

Thanks, Eric